



#5

PATENT  
214/076

# SEQUENCE LISTING

## (1) GENERAL INFORMATION:

- (i) APPLICANT: Andrew C. Hiatt  
Floyd Rose
- (ii) TITLE OF INVENTION: 3' PROTECTED NUCLEOTIDES  
FOR ENZYME CATALYZED  
TEMPLATE-INDEPENDENT CREATION  
OF PHOSPHODIESTER  
BONDS
- (iii) NUMBER OF SEQUENCES: 8
- (iv) CORRESPONDENCE ADDRESS:
  - (A) ADDRESSEE: Lyon & Lyon
  - (B) STREET: 633 West Fifth Street  
Suite 4700
  - (C) CITY: Los Angeles
  - (D) STATE: California
  - (E) COUNTRY: U.S.A.
  - (F) ZIP: 90071
- (v) COMPUTER READABLE FORM:
  - (A) MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
storage
  - (B) COMPUTER: IBM Compatible
  - (C) OPERATING SYSTEM: IBM P.C. DOS 5.0
  - (D) SOFTWARE: Word Perfect 5.1
- (vi) CURRENT APPLICATION DATA:
  - (A) APPLICATION NUMBER:
  - (B) FILING DATE:
  - (C) CLASSIFICATION:
- (vii) PRIOR APPLICATION DATA:  
Prior applications total,  
including application  
described below:
- (viii) ATTORNEY/AGENT INFORMATION:
  - (A) NAME: Guise, Jeffrey W.
  - (B) REGISTRATION NUMBER: 34,613
  - (C) REFERENCE/DOCKET NUMBER: 207/145

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(ix) TELECOMMUNICATION INFORMATION:

(A)	TELEPHONE:	(619) 552-8400
(B)	TELEFAX:	(619) 552-0159
(C)	TELEX:	67-3510

(2) INFORMATION FOR SEQ ID NO: 1:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 12  
(B) TYPE: nucleic acid  
(C) STRANDEDNESS: single  
(D) TOPOLOGY: linear

(ix) Features:

(D) Other Information: base number 12 is m7g

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

CCCCCCCCCG

12

(3) INFORMATION FOR SEQ ID NO: 2:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 19  
(B) TYPE: nucleic acid  
(C) STRANDEDNESS: single  
(D) TOPOLOGY: linear

(ii) SEQUENCE DESCRIPTION: SEQ ID NO: 2:

CCCCCCCCC CCCCCTGCA

19

(4) INFORMATION FOR SEQ ID NO: 3:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 20  
(B) TYPE: nucleic acid  
(C) STRANDEDNESS: single  
(D) TOPOLOGY: linear

(ii) SEQUENCE DESCRIPTION: SEQ ID NO: 3:

CTGCAGGGGG GGGGGGGGGG

20

(5) INFORMATION FOR SEQ ID NO: 4:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 9  
(B) TYPE: nucleic acid  
(C) STRANDEDNESS: single  
(D) TOPOLOGY: linear

(ii) SEQUENCE DESCRIPTION: SEQ ID NO: 4:

CCCCCCCCC

9

(6) INFORMATION FOR SEQ ID NO: 5:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 9  
(B) TYPE: nucleic acid  
(C) STRANDEDNESS: single  
(D) TOPOLOGY: linear

(ii) SEQUENCE DESCRIPTION: SEQ ID NO: 5:

GGGGGGGGG

9

(7) INFORMATION FOR SEQ ID NO: 6:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 5  
(B) TYPE: nucleic acid  
(C) STRANDEDNESS: single  
(D) TOPOLOGY: linear

(ii) SEQUENCE DESCRIPTION: SEQ ID NO: 6:

CTGCA

5

(8) INFORMATION FOR SEQ ID NO: 7:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 9  
(B) TYPE: nucleic acid  
(C) STRANDEDNESS: single

(D) TOPOLOGY: linear

(ii) SEQUENCE DESCRIPTION: SEQ ID NO: 7:

CTGCATGCA

9

(9) INFORMATION FOR SEQ ID NO: 8:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 10  
(B) TYPE: nucleic acid  
(C) STRANDEDNESS: single  
(D) TOPOLOGY: linear

(ii) SEQUENCE DESCRIPTION: SEQ ID NO: 10:

CTGCATGCAG

10